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(54) Title: PROCESS FOR THE PREPARATION OF TELITHROMYCIN

(57) Abstract: The present invention relates to the process for the preparation of compounds of formula (I) or its pharmaceutically acceptable salts. The novel compounds (i) 10,11-Anhydro-2',4"-di-O-benzoyl-12-O-imidazolylcarbonyl-6-O-methylerythromycin A of formula (Xa) (ii) 2',4"-di-O-benzoyl-11-amino-11-N-[4-[4-(3-pyridyl)imidazol-1-yl]butyl]-11-deoxy-6-O-methylerythromycin A 11,12-cyclic carbamate of formula (XIa) (iii) 2'-O-benzoyl-11-amino-11-N-[4-[4-(3-pyridyl)imidazol-1-yl]butyl]-11-deoxy-5-O-desosaminy- 6-O-methylerythronolide A 11,12-cyclic carbamate of formula (XIIa) (iv) 2'-benzoyl-11-amino-11-N-[4-[4-(3-pyridyl)imidazol-1-yl]butyl]-11-deoxy-5-O-desosaminy-6-O-methylerythronolide A 11,12-cyclic carbamate of formula (XIIa) and their use as intermediates in formation of compound of Formula (I). Also the process of preparation of compound of formula (XIIIa).



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